

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : DAIKIN IND LTD

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(54) INTERNAL GRINDING DEVICE

(57)Abstract:

PURPOSE: To provide an internal grinding device which can be stopped at operation abnormality time in each machining step.
CONSTITUTION: In a deflection decision part 62 of a personal computer 6, a deflection signal of representing a deflection in a radial direction of an internal peripheral surface of a workpiece 10 from a sizing device 3 is decided for whether a prescribed condition is satisfied or not, to decide operation abnormality when not satisfied the prescribed condition by the deflection signal. In a moving amount decision part 63, a moving amount signal from a moving amount detecting sensor 5, detecting a moving amount in a shaft right angle direction of a spindle 11 of a spindle table 1, is decided for whether a prescribed condition is satisfied or not, to decide operation abnormality when not satisfied the prescribed condition by the moving amount signal. When operation abnormality is decided by at least one of the deflection decision part 62 and the moving amount decision part 63, a stop signal is output to a control means 4 by a stop part 64.

